

ATOMIC ENERGY COMMISSION

WASHINGTON 25, D. C.

December 31, 1953

TO: Dr. David S. Anthony

Dr. John Z. Bowers and/or Dr. James Arnold

Dr. Austin Brues and/or Dr. Miriam Finkel

Dr. Cyril Comar

Dr. Howard Curtis

Dr. Andrew Dowdy

Dr. Joseph Hamilton

Dr. Frank E. Hoecker

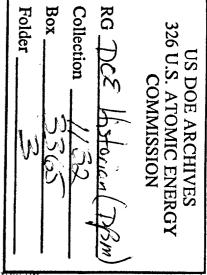
Dr. John Lawrence

Dr. Karl Z. Morgan

Dr. Thos. L. Shipman and/or Dr. Wright Langham

Dr. Stafford Warren

Staff, Division of Biology and Medicine



SUBJECT: CONFERENCE ON TOXICITY OF RADIOISOTOPES OF STRONTIUM

Questions related to the radiotoxicity in man of radioisotopes of strontium under various conditions make it desirable to review the present state of our knowledge on this subject and to consider means by which gaps now existing may be reduced. For this purpose we plan a one-day conference of several persons interested in this field. In view of the fact that most of these persons will be in Washington January 14 and 15 for the Biology and Medicine Program Directors' Meeting, it appears that Wednesday, January 13, will be an appropriate date for this purpose.

The conference will be held in Dr. Bugher's Office at T-3 Building, 16th and Constitution Avenue, beginning at 9:30 A.M.

The principal questions proposed for discussion at the conference are:

- (1) What is the maximum permissible body burden of Sr and Sr oin man for indefinite chronic exposure?
- (2) What is the maximum permissible body burden of Sr and of Sr from a single event; e.g., a nuclear disaster, for a person not otherwise exposed? This question may be broadened to include other boneseeking fission products in combination with strontium.
- (3) Realizing that data for making estimates of the above quantities are inadequate, what are the practical means of reducing present uncertainties?

We hope that you will be able to attend, and to present such data and ideas as you may have available for general consideration. Please let me know if you will attend.

Yours very truly,

Walter D. Claus, Chief Biophysics Branch
Division of Biology and Medicine

MEMO ROUTE SLIP			See me about this	For conct	е.	For action.
Form AEC-93 (Rev. May 14, 1947)		Note and return.	For signatur	е.	For information.	
TO (Name and un	nit)	DATE	REMARKS			
TO (Name and un	it)	INTIALS Left 12/7	ARKS			12/1431.
TO (Name and unit)		INITIALS	REMARKS			
		DATE		· /	1	
FROM (Name and unit)		REMARKS				
PHONE NO.	DATE					•
			USE OTHER SIDE FOR A	DDITIONAL REMARKS	1656667-1	U. S. GOVERNMENT PRINTING OFFICE

US DOE ARCHIVES 326 U.S. ATOMIC ENERGY COMMISSION

RG DOE HISTORIAN (DBM)

Collection 1/32

Box 3365

Folder #3